

SRT1075 (IP65-IP67)

Slip rings can be used in any electromechanical system requiring unrestrained, continuous rotation, while transmitting power and/or data from a stationary to a rotating structure.



A slip ring is sometimes referred to as a rotary electrical interface, collector, swivel or rotary joint.

The SRT1075 uses multiple contact point technology, allowing for low contact electric resistance between brushes and ring. This reduces electrical noise and the slip ring gets a longer lifetime.

Thanks to the high protection grade (IP65-IP67) and robust mechanical structure, these slip rings are particularly suited for use in offshore environments.

No lubrication required.

Typical applications

- Oil well logging
- Medical equipment
- Oceanographic instrumentation

Quick facts

- Compact size
- Quick delivery
- Low cost
- High reliability and duration
- Low friction torque
- Smooth rotation
- In compliance with CE and ROHS standards

Number of circuits	2-48
Voltage	500 VAC (power) / 240 VAC (signals)
Cables/Current rating	power 5A / Signals 2A
Dielectric strength	1000 VAC at 60 Hz
Insulation resistance	500 VAC at 60 Hz
Insulation resistance	> 1000 MΩ / 500 Vcc
Nominal speed	100 rpm
Temperature	-20°C to +80°C
Rating life	10 ⁸ revolutions (depending on speed and on environmental conditions)
Contact	Gold on Gold
Protection	IP or high or request

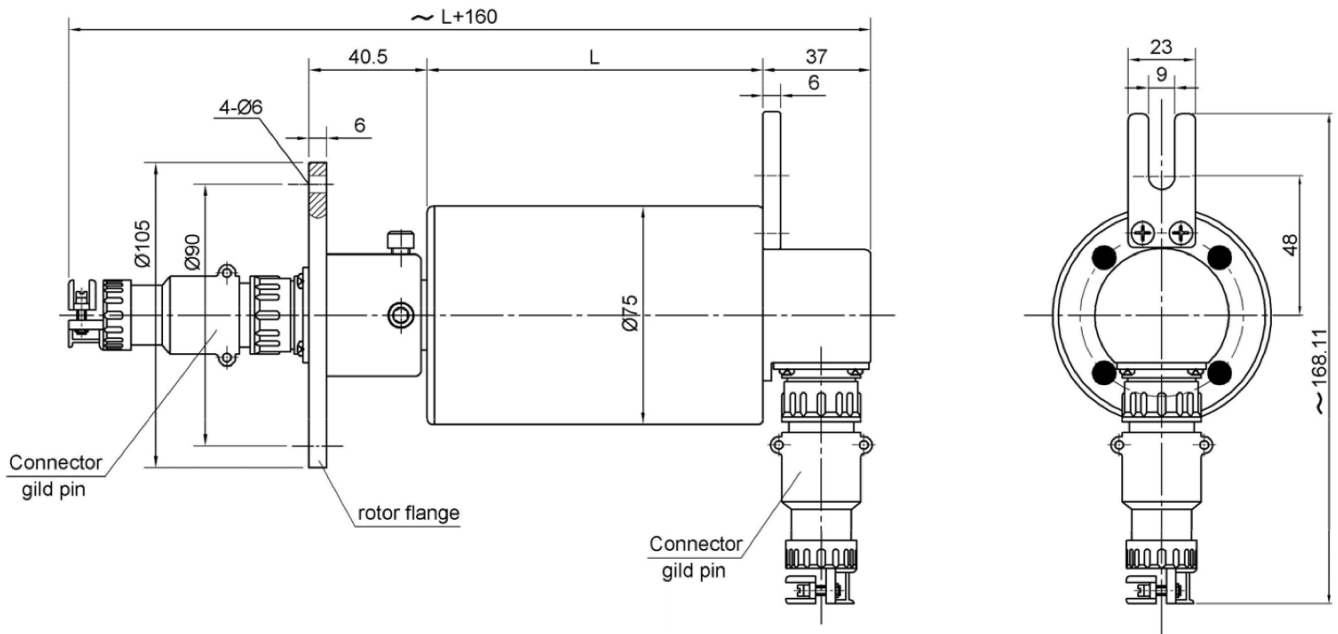
We can also offer custom designs. As a customer you have the possibility to specify the slip ring to comply with your needs. We can also offer hybrid units, for example a combined slip ring and fiber optic rotary joint, integrated into one small housing.

Other options we can offer:

- Inclusion of coax and miniature data bus cables
- Harnessing of lead wires into chosen crimps and connectors

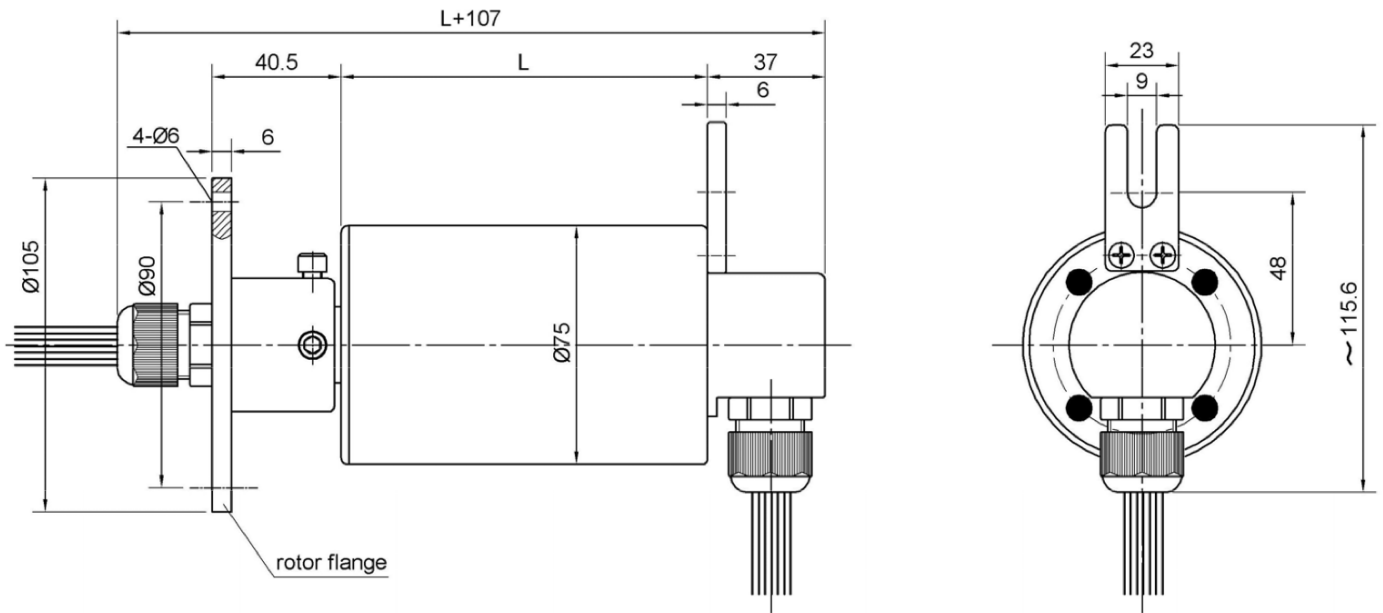
SRT1075 With Connectors

Outline dimension



SRT1075 Flying Leads

Outline dimension



$$L = 48.42 + n \times 2.32 \quad (\text{Rated current in 5A})$$

“ n ” stand for number of rings

Explain: The rotor flange may be customize according customer's requirement